

INTERNATIONAL SEARCH REPORT

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PCT/US04/38651

A. CLASSIFICATION OF SUBJECT MATTER

IPC(J) : C07H 21/02, 21/04; C12P 21/06; C12N 5/00, 15/00, 15/63
 US CL : 536/23.1, 23.5; 435/69.1, 320.1, 325, 455

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

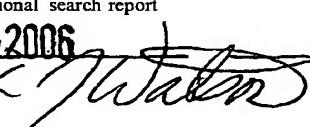
Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 536/23. 1, 23.5; 435/69. 1, 320. 1, 325, 455

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,309,877 B1 (CHAU) October 20 2001 (20.10.2001), see entire document especially column 21-28.	1, 6, 15-16
X	US 6,759,389 B1 (CHAU) 6 July 2004 (06.07.2004) sec entire document, especially columns 22-28.	1, 6, 15-16
A	US 6,84 1,53 1 B2 (CHAU) 11 January 2005 (11.01.2005) see entire document.	1-23
X	Database Issued Patents AN: SEQ ID NO:2, US 08-928-862-2, , 12 September 1997. see entire document.	1
X	Database Issued Patents AN: SEQ ID NO:5 US 08-928-862-2, , 12 September 1997. see entire document.	1

<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search	20 January 2006 (20.01.2006)	Date of mailing of the international search report	14 FEB 2006
Name and mailing address of the ISA/US	Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer Sumesl-Kaustol Ph.D. Telephone No. (571) 272-0547	

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PCT/US04/38651

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item I.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

a. type of material



a sequence listing



table(s) related to the sequence listing

b. format of material



on paper



in electronic form

c. time of filing/furnishing



contained in the international application as filed



filed together with the international application in electronic form



furnished subsequently to this Authority for the purposes of search

2. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

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International application No.
PCT/US04/38&5i-

Continuation of B. FIELDS SEARCHED Item 3:
STN: medline, caplus, scisearch. EAST: Pgpub, uspat, Jpo, Epo, Derwent.
SEARCH TERMS: Motoneuronotrophic factor, MNTF, Nucleotide sequences of SEQ ID NO:1, SEQ ID NO:2 and encoded proteins.